

**To:** Card, Joan[Card.Joan@epa.gov]  
**From:** McClain-Vanderpool, Lisa  
**Sent:** Sat 8/8/2015 7:15:52 PM  
**Subject:** cbs interview request

Lisa McClain-Vanderpool  
  
Public Affairs Specialist/Media Officer  
  
Office of Communications and Public Involvement  
  
US Environmental Protection Agency, Region 8  
  
1595 Wynkoop Street  
  
Denver, Colorado 80202  
  
Office 303.312.6077  
  
Cell 303.501.4027

**From:** Hoffacker, Doug [mailto:DHoffacker@cbs.com]  
**Sent:** Saturday, August 08, 2015 1:10 PM  
**To:** McClain-Vanderpool, Lisa  
**Subject:** EPA and mine spill info

Hi Lisa!

Jennifer Brice is off today, but we at CBS4 would like to take you up on your offer to talk today.

I tried calling but didn't get through.

We'd love to chat either before or right after the 3pm conference call...so we can get the latest on what's going on in the Animas River spill.

Anytime this afternoon actually!

We can come to you anywhere in the Denver area this afternoon. Please let us know. Thanks!

Doug Hoffacker

CBS4 Denver

303 830-6464

**From:** Brice, Jennifer M  
**Sent:** Saturday, August 08, 2015 9:38 AM  
**To:** @KCNC-TV Info  
**Subject:** Fwd: Media Conference call today: 866-299-9141 Code: 21839184 at 3:00pm Mountain Time  
Also some updates

Update for the Animas. If we want to interview a local person with EPA - call Lisa in the email below.

Sent from my iPhone

Begin forwarded message:

**From:** "McClain-Vanderpool, Lisa" <[Mcclain-Vanderpool.Lisa@epa.gov](mailto:Mcclain-Vanderpool.Lisa@epa.gov)>  
**Date:** August 8, 2015 at 8:10:14 AM MDT  
**To:** "Brice, Jennifer M" <[jmbrice@cbs.com](mailto:jmbrice@cbs.com)>  
**Subject:** FW: Media Conference call today: 866-299-9141 Code: 21839184 at 3:00pm Mountain Time Also some updates

Sorry about the interview yesterday. Here's info for today. We can try to set something up for today or if Monday is better that can also work.

Lisa

Lisa McClain-Vanderpool

Public Affairs Specialist/Media Officer  
Office of Communications and Public Involvement  
US Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, Colorado 80202  
Office 303.312.6077  
Cell 303.501.4027

**From:** McClain-Vanderpool, Lisa  
**Sent:** Saturday, August 08, 2015 7:49 AM  
**To:** McClain-Vanderpool, Lisa  
**Subject:** FW: Media Conference call today: 866-299-9141 Code: 21839184 at 3:00pm  
Mountain Time Also some updates

See below

Lisa McClain-Vanderpool  
Public Affairs Specialist/Media Officer  
Office of Communications and Public Involvement  
US Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, Colorado 80202  
Office 303.312.6077  
Cell 303.501.4027

**From:** McClain-Vanderpool, Lisa  
**Sent:** Saturday, August 08, 2015 7:15 AM  
**To:** McClain-Vanderpool, Lisa  
**Subject:** Media Conference call today: 866-299-9141 Code: 21839184 at 3:00pm Mountain Time Also some updates

**Please call in at 3:00 Mountain time today for Gold King Mine update: it's the same call-in number and code as yesterday.**

**Here are a couple of updates:**

### **Sampling Process**

Sampling crews have been and will be sampling locations from Silverton (and above Silverton, near the Mine), all the way to the Colorado border, a distance of approximately 60 miles. Crews will also sample in New Mexico. The distance between sampling locations involves driving time, especially where sampling locations on the river are in remote, difficult to access locations.

Samples are taken from the river using a hand pump or peristaltic pump. Samples must be filtered. Once at the location, collecting the sample may take ½ hour or more.

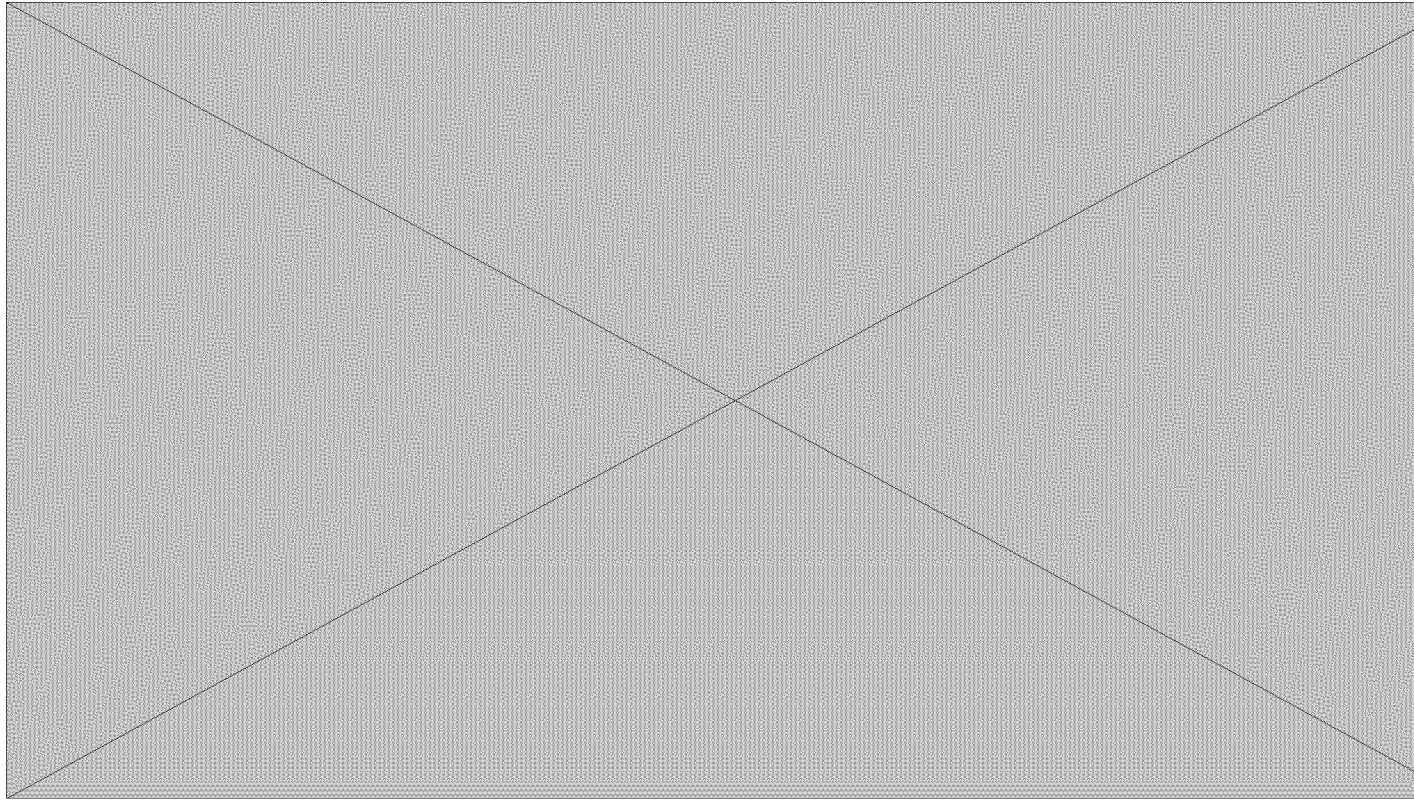
The standard procedure for analyzing for metals requires a 16 hour hold time with the preservative. EPA will be modifying this procedure to reduce or eliminate this hold time.

The samples must then be transported to a laboratory, either hand-delivered or shipped. The turnaround time for laboratories is different depending on the number of personnel available and number of instruments available. Small labs may only be able to guarantee a 24-48 hour turnaround time. Medium and large capacity labs will be able to provide much faster turnaround times and sometimes even same day results. EPA is currently using a local laboratory in Durango; which has been extremely cooperative and plans to work through the weekend for this project; however, it is a small capacity lab and will likely not be able to process the high volume of samples anticipated to be taken. EPA is exploring options for procuring another lab, which will involve driving or shipping samples for delivery.

The first round of 19 samples collected the evening of the spill and morning following were immediately driven to the EPA laboratory in Golden and prepped for analysis. Those lab results should be available shortly.

**The following is a summary of the evaluation of pH data collected as of August 6, 2015. Additional information related to additional data, including metals, is being developed and will be provided in a separate statement.**

pH (a measure of acidity) was measured at a number of locations along Cement Creek and the Animas River to Durango and beyond to Farmington, New Mexico. Except for locations within Cement Creek, generally, pH levels were measured before the arrival of the contaminant plume and found to range between 6.5 and 7.6. When the contaminated water from the mine release passed a sampling location, the pH lowered (indicating more acid) to approximately 4.8 (below Silverton). A pH of 4.5 is consistent with the pH of a liquid like black coffee. Later, however, in locations down river, the pH began to return to pre-incident levels. Water acidity levels in the Animas above Cement Creek have been consistent over the past two days at approximately 6.4 to 6.8. For reference, the pH of saliva is roughly 6 and the pH of pure water is 7. The acidity level in Cement Creek has remained low at 3.74 since the mine release. Tomato juice and apples also have a pH of approximately 3.74. While this reference information is relevant to skin exposure, the evaluation of impacts of these pH levels on fish and other aquatic life is ongoing.



Lisa McClain-Vanderpool

Public Affairs Specialist/Media Officer

Office of Communications and Public Involvement

US Environmental Protection Agency, Region 8

1595 Wynkoop Street

Denver, Colorado 80202

Office 303.312.6077

Cell 303.501.4027

